

195 Commerce Way Suite E Portsmouth, New Hampshire 03801 603-436-5111 Fax 603-430-2151 800-929-9906 www.analyficslab.com

Ms. Nina Anderson Inspectorate America Corporation 12000 Aerospace Ave, Suite 200 Houston TX 77034-5576 Report Number: 70323

Revision: Rev. 0

Re: Sprague Energy (Project No: 4101-11-01)

Enclosed are the results of the analyses on your sample(s). Samples were received on 29 June 2011 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	<u>Analysis</u>	<u>Comments</u>
70323-1	06/25/11	Tank 9-Sprague Avery Lane- 201102000569	EPA 8260 Volatile Organics	
70323-2	06/25/11	Tank 14-Sprague Avery Lane- 201102000569	EPA 8260 Volatile Organics	
70323-3	06/25/11	Trip Blank	Electronic Data Deliverable	
	06/25/11	Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Department of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature

Stephen L. Knollmeyer Lab. Director

Date

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.



### CLIENT SAMPLE ID

**Project Name:** Sprague Energy

Project Number: 4101-11-01 Field Sample ID: LAB QC

June 30, 2011

### SAMPLE DATA

Lab Sample ID: MB06291C Matrix: Solid Percent Solid: 100 **Dilution Factor:** 100 **Collection Date:** N/A Lab Receipt Date: N/A

**Analysis Date:** 06/29/11

P	NALYTIC	CAL RESUL	TS VO	LATILE ORGANICS	***************************************	***************************************	
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/k	Limit of Quantitation g(LOQ) µg/kg	Result µg/kg
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1,2-Dichloroethene	50	100	U	1.2.3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	Ũ
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	Ū
Dichlorodifluoromethane	50	100	U	1.2-Dibromo-3-chloropropane	50	100	Ū
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	Ü
Freon-113	50	100	Ü	1.2-Dichlorobenzene	50	100	Ü
Hexachlorobutadiene	50	100	Ü	1,2-Dichloroethane	50	75	Ü
Isopropl benzene	50	100	Ū	1.2-Dichloropropane	50	75	Ü
m,p-Xylene	50	100	Ŭ	1,3,5-Trimethylbenzene	50	100	Ü
Methyl-tert-butyl ether (MTBI	E) 50	75	U	1,3-Dichlorobenzene	50	100	Ü
Methylene chloride	250	500	Ü	1,3-Dichloropropane	50	100	Ü
Naphthalene	50	100	Ü	1,4-Dichlorobenzene	50	100	Ü
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	Ü
n-Propylbenzene	50	100	Ü	Methyl ethyl ketone	500	1000	Ü
o-Xylene	50	100	Ü	2-Chlorotoluene	50	100	Ü
sec-Butylbenzene	50	100	Ü	2-Hexanone	500	1000	Ü
Styrene	50	100	Ü	4-Chlorotoluene	50	100	Ü
tert-Butylbenzene	50	100	Ū	4-Isopropyltoluene	50	100	Ü
Tetrachloroethene	50	100	Ū	4-Methyl-2-pentanone	500	1000	Ü
Tetrahydrofuran	250	500	Ü	Acetone	500	1000	Ü
Toluene	50	100	Ü	Benzene	50	100	Ü
trans-1,2-Dichloroethene	50	100	Ŭ	Bromobenzene	50	100	U
trans-1,3-Dichloropropene	50	100	Ü	Bromochloromethane	50	100	U
Trichloroethene	50	100	Ü	Bromodichloromethane	50	75	U
Trichlorofluoromethane	50	100	U	Bromoform	50	75 75	U
Vinyl chloride	50	100	Ü	Bromomethane	50	100	U
Xylenes (total)	50	100	Ü	Carbon Disulfide	50	100	U
1,1.1.2-Tetrachloroethane	50	100	Ü	Carbon tetrachloride	50	100	U
1.1.1-Trichloroethane	50	100	Ü	Chlorobenzene	50	100	U
1.1.2.2-Tetrachloroethane	50	75	Ü	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	Ü	(TIC) n-Hexane	NA NA	NA NA	NF
		Surr	ogate Sta	andard Recovery		**************************************	
Bromofluorobenze				hloroethane 104%		d8-Toluene	106%
U=Undetected	J=Estima	ted E	=Exceed	s Calibration Range B=1	Detected in		

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as

estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

Authorized signature Wull



June 30, 2011 SAMPLE DATA

Lab Sample ID:

70323-1

CLIENT SAMPLE ID

Matrix:

Solid

Sprague Energy **Project Name:** 

**Percent Solid:** 

100 98

Project Number: 4101-11-01

**Dilution Factor: Collection Date:** 

06/25/11

**Field Sample ID:** Tank 9-Sprague Avery Lane-201102000569

Lab Receipt Date: 06/29/11

06/20/11

				Analysis Date:	: 06/29/1	. 1	
A			TS VO	LATILE ORGANICS			
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result μg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result μg/kg
Chloroethane	49	98	U	1,1-Dichloroethane	49	98	U
Chloroform	49	73	U	1,1-Dichloroethene	49	73	U
Chloromethane	49	98	U	1,1-Dichloropropene	49	98	U
cis-1,2-Dichloroethene	49	98	U	1.2.3-Trichlorobenzene	49	98	U
cis-1,3-Dichloropropene	49	98	U	1,2,3-Trichloropropane	49	98	U
Dibromochloromethane	49	73	U	1,2,4-Trichlorobenzene	49	98	U
Dibromomethane	49	98	U	1,2,4-Trimethylbenzene	49	98	U
Dichlorodifluoromethane	49	98	U	1,2-Dibromo-3-chloropropane	49	98	U
Ethylbenzene	49	98	U	1,2-Dibromoethane	49	73	U
Freon-113	49	98	U	1,2-Dichlorobenzene	49	98	U
Hexachlorobutadiene	49	98	U	1,2-Dichloroethane	49	73	U
Isopropl benzene	49	98	U	1.2-Dichloropropane	49	73	U
m,p-Xylene	49	98	U	1,3,5-Trimethylbenzene	49	98	U
Methyl-tert-butyl ether (MTBE	E) 49	73	U	1,3-Dichlorobenzene	49	98	U
Methylene chloride	245	490	U	1,3-Dichloropropane	49	98	U
Naphthalene	49	98	U	1,4-Dichlorobenzene	49	98	U
n-Butylbenzene	49	98	U	2,2-Dichloropropane	49	98	U
n-Propylbenzene	49	98	U	Methyl ethyl ketone	490	979	U
o-Xylene	49	98	U	2-Chlorotoluene	49	98	U
sec-Butylbenzene	49	98	U	2-Hexanone	490	979	U
Styrene	49	98	U	4-Chlorotoluene	49	98	U
ert-Butylbenzene	49	98	U	4-Isopropyltoluene	49	98	U
letrachloroethene	49	98	U	4-Methyl-2-pentanone	490	979	U
letrahydrofuran	245	490	U	Acetone	490	979	U
Toluene	49	98	U	Benzene	49	98	U
rans-1,2-Dichloroethene	49	98	U	Bromobenzene	49	98	Ü
rans-1.3-Dichloropropene	49	98	Ü	Bromochloromethane	49	98	Ü
Frichloroethene	49	98	Ü	Bromodichloromethane	49	73	Ü
Frichlorofluoromethane	49	98	Ü	Bromoform	49	73	Ü
Vinyl chloride	49	98	Ü	Bromomethane	49	98	U
Xylenes (total)	49	98	Ŭ	Carbon Disulfide	49	98	Ü
1,1,1,2-Tetrachloroethane	49	98	Ü	Carbon tetrachloride	49	98	U
1.1.1-Trichloroethane	49	98	U	Chlorobenzene	49	98	U
1,1,2,2-Tetrachloroethane	49	73	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	49	73	U	(TIC) n-Hexane	NA NA	NA NA	NF
				andard Recovery			
Bromofluorobenze	ne 102%	d4	1-1,2-Dic	hloroethane 110%	(	18-Toluene	109%
U=Undetected	J=Estima	ted F	=Exceed	s Calibration Range B=1	Detected in	······································	

**METHODOLOGY:** Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as

estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.



June 30, 2011

# SAMPLE DATA

Lab Sample ID: 70323-2 Matrix: Solid Percent Solid: 100 **Dilution Factor: Collection Date:** 06/25/11

Lab Receipt Date: 06/29/11 **Analysis Date:** 06/29/11

### CLIENT SAMPLE ID

**Project Name:** Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 14-Sprague Avery Lane-201102000569

$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	A	NALYTIC	AL RESUL	TS VC	LATILE ORGANICS		<del></del>	
Chloroform  Chloroform  50 74 U 1,1-Dichloroethene 50 74 U 1,1-Dichloroethene 50 99 U 1,1-Dichloropropene 50 99 U 1,2-Britchloropropene 50 99 U 1,2-Dichloromoethane 50 74 U 1,2-Britchloropropene 50 99 U 1,2-Dichloromoethane 50 74 U 1,2-Britchloropropene 50 99 U 1,2-Dichloropropene 50 99 U 1,3-STrimethylbenzene 50 99 U 1,3-STrimethylbenzene 50 99 U 1,3-Britchloropropene 50 99 U 1,3-Britchloropropene 50 99 U 1,3-Dichloropropene	COMPOUND	Detection	Quantitation	Result μg/kg	COMPOUND	Detection	Quantitation	n Result g µg/kg
Chloromethane		50	99	U	1,1-Dichloroethane	50	99	U
Chloromethane	Chloroform	50	74	U	1,1-Dichloroethene	50	74	
Dibromochloromethane   S0   99   U   1.2,3-Trichlorobenzene   50   99   U   1.2,3-Trichlorobenzene   50   99   U   1.2,4-Trichlorobenzene   50   99   U   1.2,4-Dibromo-3-chloropropane   50   99   U   1.2,4-Dibromo-3-chloropropane   50   74   U   1.2,4-Dibromo-3-chloropropane   50   99   U   1.2,4-Dibromo-3-chloropropane   50   74   U   1.2,4-Dibromo-3-chloropropane   50   74   U   1.2,4-Dibromo-3-chloropropane   50   74   U   1.2,4-Dibromo-3-chloropropane   50   99   U   1.2,4-Dibromo-3-chloropropane   50   99   U   1.2,4-Dibromo-3-chloropropane   50   74   U   1.3,4-Dibromo-3-chloropropane   50   74   U   1.3,4-Dibromo-3-chloropropane   50   74   U   1.3,4-Dibromo-3-chloropropane   50   99   U   1.4-Dibromo-3-chloropropane   50   99   U   1.4-Dibromo-3-chloropropane   50   99   U   1.4-Dibromo-3-chloropropane   50   99   U   1.4-Dibromo-3-chloro	Chloromethane	50	99	U	1,1-Dichloropropene		99	
Dibromochloromethane   S0   99   U   1,2,3-Trichloropropane   50   99   U   1,2,4-Trichloropropane   50   99   U   1,2,4-Trichlorobenzene   50   74   U   1,2,4-Trichlorobenzene   50   99   U   1,2,4-Trichlorobenzene   50   74   U   1,3,5-Trichlorobenzene   50   99   U   1,2,5-Trichlorobenzene   50   99   U   1,3,5-Trichlorobenzene   50   99   U   1,3,5-Trichlorobenzene   50   99   U   1,3,5-Trichlorobenzene   50   99   U   1,4,4-Trichlorobenzene   50   99   U   1,4,4-Trichloroben		50	99	U		50	99	
Dibromochloromethane   50   74   U   1.2.4-Trichlorobenzene   50   99   U   1.2.4-Trimethylbenzene   50   99   U   1.2.4-Trimethylbenzene   50   99   U   1.2.4-Trimethylbenzene   50   99   U   1.2Dibromochloromethane   50   99   U   1.2Dibromochloropropane   50   99   U   1.2-Dibromochloropropane   50   99   U   1.2-Dibromochlane   50   74   U   1.2Dibromochlane   50   74   U   1.3Dibromochlane   50   74   U   1.3Dibromochlane   50   99   U   1.3.5-Trimethylbenzene   50   99   U   1.3.5-Trimethylbenzene   50   99   U   1.3.5-Dibromochlane   50   99   U   1.3.5-Dibromochlane   50   99   U   1.3.5-Dibromochlane   50   99   U   1.3Dibromochlane   50   99   U   1.3.5-Dibromochlane   50   99   U   1.3.5	cis-1,3-Dichloropropene	50	99	U	1,2,3-Trichloropropane		99	_
Dibromomethane   50   99   U   1.2.4-Trimethylbenzene   50   99   U   1.2.bithorodiffluoromethane   50   99   U   1.2Dibromo-3-chloropropane   50   99   U   1.2Dibromo-4thane   50   74   U   1.2Dibromo-4thane   50   74   U   1.2Dibromo-4thane   50   74   U   1.2Dibromo-4thane   50   99   U   1.2Dibrothoroethane   50   99   U   1.2Dibrothoroethane   50   74   U   1.3Dibrothoroethane   50   74   U   1.3Dibrothoroethane   50   99   U   1.4Dibrothoroethane   50   99   U   1.4	Dibromochloromethane	50	74	U	1,2,4-Trichlorobenzene	50		
Dichlorodifluoromethane	Dibromomethane	50	99	U				-
Ethylbenzene	Dichlorodifluoromethane	50	99	U	1,2-Dibromo-3-chloropropane			_
Precident   13   50   99   U   1,2-Dichlorobenzene   50   99   U   1,2-Dichlorobenzene   50   99   U   1,2-Dichlorobenzene   50   74   U   1,3-Dichlorobenzene   50   74   U   1,3-Dichlorobenzene   50   74   U   1,3-Dichlorobenzene   50   74   U   1,3-Dichlorobenzene   50   99   U   1,4-Dichlorobenzene   50   99   U	Ethylbenzene	50	99	U				_
Hexachlorobutadiene	Freon-113	50	99		,			_
Soproof benzene   50   99	Hexachlorobutadiene	50	99		,			
Description	sopropl benzene	50	99	Ū				
Methyl-tert-butyl ether (MTBE)         50         74         U         1,3-Dichlorobenzene         50         99         U           Methylene chloride         248         496         U         1,3-Dichloropropane         50         99         U           Naphthalene         50         99         U         1,4-Dichlorobenzene         50         99         U           n-Butylbenzene         50         99         U         2,2-Dichloropropane         50         99         U           n-Propylbenzene         50         99         U         2,2-Dichloropropane         50         99         U           n-Propylbenzene         50         99         U         2,2-Dichloropropane         50         99         U           n-Yylene         50         99         U         2,1-Dichloroblene         50         99         U           p-Yylene         50         99         U         2,1-Dichloroblene         50         99         U           p-Yylene         50         99         U         4-Chlorotoluene         50         99         U           p-Tichlorothene         50         99         U         4-Methyl-2-pentanone         496         992         U<	m,p-Xylene		99					
Methylene chloride         248         496         U         1,3-Dichloropropane         50         99         U           Naphthalene         50         99         U         1,4-Dichlorobenzene         50         99         U           Naphthalene         50         99         U         1,4-Dichlorobenzene         50         99         U           n-Propylbenzene         50         99         U         2,2-Dichlorotoluene         50         99         U           n-Propylbenzene         50         99         U         2,Chlorotoluene         50         99         U           n-Propylbenzene         50         99         U         2,Chlorotoluene         50         99         U           ee-Butylbenzene         50         99         U         4,Chlorotoluene         50         99         U           eer-Butylbenzene         50         99         U         4,Chlorotoluene         50         99         U           eer-Butylbenzene         50         99         U         4,Chlorotoluene         50         99         U           eer-Butylbenzene         50         99         U         4,Methyl-2-pentanone         496         992         U	Methyl-tert-butyl ether (MTBE	E) 50	74	U				_
Naphthalene			496				= :	-
### Butylbenzene	Naphthalene	50	99	U				
Description	n-Butylbenzene	50	99	Ü				
Second   S	n-Propylbenzene	50	99	U				
Styrene   So   99	o-Xylene	50	99	U				
Styrene   50   99   U   4-Chlorotoluene   50   99   U   U	sec-Butylbenzene	50	99	Ü				-
Surrogate Standard Recovery   Solution   S	Styrene		99	-				_
Surrogate Standard Recovery   Standard Recovery   Surrogate Standard Recovery   Stan	ert-Butylbenzene	50	99	U				
Surrogate Standard Recovery   Solution   S	Tetrachloroethene	50	99					_
Solution	Tetrahydrofuran	248	496	Ū				
Surrogate Standard Recovery   Standard Recov	Coluene	50	99	_				_
Surrogate Standard Recovery   Standard Recov	rans-1,2-Dichloroethene	50	99					
Trichloroethene         50         99         U         Bromodichloromethane         50         74         U           Trichlorofluoromethane         50         99         U         Bromoform         50         74         U           Vinyl chloride         50         99         U         Bromomethane         50         99         U           Vylenes (total)         50         99         U         Carbon Disulfide         50         99         U           Vylenes (total)         50         99         U         Carbon Disulfide         50         99         U           Vylenes (total)         50         99         U         Carbon Disulfide         50         99         U           Vylenes (total)         50         99         U         Carbon Disulfide         50         99         U           Vylenes (total)         50         99         U         Carbon Disulfide         50         99         U           Vylenes (total)         50         99         U         Carbon Disulfide         50         99         U           Vylenes (total)         50         99         U         Chlorobenzene         50         99         U	rans-1,3-Dichloropropene	50	99	Ū				
Grichlorofluoromethane         50         99         U         Bromoform         50         74         U           Vinyl chloride         50         99         U         Bromomethane         50         99         U           Kylenes (total)         50         99         U         Carbon Disulfide         50         99         U           J.1,2-Tetrachloroethane         50         99         U         Carbon tetrachloride         50         99         U           J.1,1-Trichloroethane         50         99         U         Chlorobenzene         50         99         U           J.2,2-Tetrachloroethane         50         74         U         (TIC) n-Heptane         NA         NA         NA         NF           J.2-Trichloroethane         50         74         U         (TIC) n-Hexane         NA         NA         NA         NF           Surrogate Standard Recovery           Bromofluorobenzene         95%         d4-1,2-Dichloroethane         97%         d8-Toluene         100%	richloroethene							
Vinyl chloride	richlorofluoromethane	50	99	_				_
Kylenes (total)         50         99         U         Carbon Disulfide         50         99         U           ,1,1,2-Tetrachloroethane         50         99         U         Carbon tetrachloride         50         99         U           ,1,1-Trichloroethane         50         99         U         Chlorobenzene         50         99         U           ,1,2,2-Tetrachloroethane         50         74         U         (TIC) n-Heptane         NA         NA         NA         NF           ,1,2-Trichloroethane         50         74         U         (TIC) n-Hexane         NA         NA         NF    Surrogate Standard Recovery  Bromofluorobenzene  95%  d4-1,2-Dichloroethane  97%  d8-Toluene  100%	/inyl chloride			-				
,1,1,2-Tetrachloroethane 50 99 U Carbon tetrachloride 50 99 U ,1,1-Trichloroethane 50 99 U Chlorobenzene 50 99 U ,1,2,2-Tetrachloroethane 50 74 U (TIC) n-Heptane NA NA NA NF ,1,2-Trichloroethane 50 74 U (TIC) n-Hexane NA NA NA NF  Surrogate Standard Recovery  Bromofluorobenzene 95% d4-1,2-Dichloroethane 97% d8-Toluene 100%	(Vylenes (total)	50		-				_
1,1-Trichloroethane 50 99 U Chlorobenzene 50 99 U 1,2,2-Tetrachloroethane 50 74 U (TIC) n-Heptane NA NA NF 1,2-Trichloroethane 50 74 U (TIC) n-Hexane NA NA NF  Surrogate Standard Recovery  Bromofluorobenzene 95% d4-1,2-Dichloroethane 97% d8-Toluene 100%	,1,1,2-Tetrachloroethane			-				
1,2,2-Tetrachloroethane 50 74 U (TIC) n-Heptane NA NA NF, 1,2-Trichloroethane 50 74 U (TIC) n-Hexane NA NA NF NF Surrogate Standard Recovery  Bromofluorobenzene 95% d4-1,2-Dichloroethane 97% d8-Toluene 100%	,1,1-Trichloroethane			_				
.1,2-Trichloroethane 50 74 U (TIC) n-Hexane NA NA NA NF  Surrogate Standard Recovery  Bromofluorobenzene 95% d4-1,2-Dichloroethane 97% d8-Toluene 100%				_				-
Bromofluorobenzene 95% d4-1,2-Dichloroethane 97% d8-Toluene 100%								
di 1,2 Diemotochiane 97% do-1 oluene 100%			Surre	gate Sta	ndard Recovery			
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in	Bromofluorobenzer U=Undetected	ne 95% J=Estimate					d8-Toluene	100%

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search

criteria.

Authorized signature Mullull



## CLIENT SAMPLE ID

**Project Name:** Sprague Energy

Project Number: 4101-11-01 Field Sample ID: Trip Blank

June 30, 2011

# SAMPLE DATA

Lab Sample ID: 70323-3 Matrix: Solid 100 **Percent Solid: Dilution Factor:** 100 **Collection Date:** 06/25/11 Lab Receipt Date: 06/29/11

**Analysis Date:** 06/29/11

P	NALYTIC	CAL RESUL	TS VO	LATILE ORGANICS	***************************************		
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result μg/kg	COMPOUND	Limit of Detection (LOD) µg/k	Limit of Quantitation g(LOQ) µg/kg	Result µg/kg
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1,2-Dichloroethene	50	100	U	1,2,3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	U
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	U
Dichlorodifluoromethane	50	100	U	1,2-Dibromo-3-chloropropane	50	100	U
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	U
Freon-113	50	100	U	1.2-Dichlorobenzene	50	100	U
Hexachlorobutadiene	50	100	U	1,2-Dichloroethane	50	75	U
Isopropl benzene	50	100	Ü	1,2-Dichloropropane	50	75	Ü
m,p-Xylene	50	100	Ū	1,3,5-Trimethylbenzene	50	100	Ü
Methyl-tert-butyl ether (MTBI	E) 50	75	U	1,3-Dichlorobenzene	50	100	U
Methylene chloride	250	500	U	1,3-Dichloropropane	50	100	U
Naphthalene	50	100	U	1,4-Dichlorobenzene	50	100	U
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	U
n-Propylbenzene	50	100	Ü	Methyl ethyl ketone	500	1000	Ü
o-Xylene	50	100	Ŭ	2-Chlorotoluene	50	100	Ü
sec-Butylbenzene	50	100	Ü	2-Hexanone	500	1000	Ü
Styrene	50	100	Ŭ	4-Chlorotoluene	50	100	Ŭ
ert-Butylbenzene	50	100	Ü	4-Isopropyltoluene	50	100	Ü
Tetrachloroethene	50	100	Ü	4-Methyl-2-pentanone	500	1000	Ü
Tetrahydrofuran	250	500	Ü	Acetone	500	1000	Ū
Toluene	50	100	Ū	Benzene	50	100	Ü
rans-1,2-Dichloroethene	50	100	Ū	Bromobenzene	50	100	Ü
rans-1,3-Dichloropropene	50	100	Ü	Bromochloromethane	50	100	Ü
richloroethene	50	100	Ü	Bromodichloromethane	50	75	Ü
Trichlorofluoromethane	50	100	Ŭ	Bromoform	50	75	Ü
/inyl chloride	50	100	Ū	Bromomethane	50	100	Ü
(vlenes (total)	50	100	Ü	Carbon Disulfide	50	100	Ŭ
,1,1,2-Tetrachloroethane	50	100	U	Carbon tetrachloride	50	100	U
.1.1-Trichloroethane	50	100	Ü	Chlorobenzene	50	100	U
.1.2.2-Tetrachloroethane	50	75	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	U	(TIC) n-Hexane	NA	NA	NF
	***************************************			andard Recovery			
Bromofluorobenze			·	hloroethane 102%		d8-Toluene	103%
U=Undetected	J=Estima	ited E	=Exceed	s Calibration Range B=	Detected in		

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

Authorized signature \_\_\_



# Chain of Custody Form

South Portland Maine Sprague Avery Lane Yes No EPA 8260B/5035 4101-11-01 020-3979 Samples iced: IAC Job No.: IAC Office: Analysis: Project #: Terminal:

Sprague Energy

Project Name:

12000 aerospace avenue, suite 200 nina.anderson@inspectorate.com

Send Report:

Houston, TX 77034

Temp of Control

5 days

Methanol Preservation:

Organic

Matrix:

ople -			·, 1	)    -			(					
e Sample	l	1-28 Spidot	2	1	+	ł	+	ł	+	H	H	
Product Grade	Asphalt Pg 64-28	Asphalt Pg 64-28		ļ								
Sampled By	27	ž	3	37								
Tank No.	Tank 9	Tank 9		+-								
Sample Time	28 30 Mrs	N830 165	1830 1G	0830 W55								
Sample Date	6/25/2011	6/25/2011	6/25/2011	6/25/2011								
Sample No	k 9-SevVCCCHPM/201102000569-1	k 9-6444 Polyme 201102000569-2	14- Charles Parties -201102000569-1	14-Folding-101102000569-2	SPRAGNE	Avery Lane	2 Blant					

70323 704 201

Relinquished by: Date/Time:

Sprague Representative:

Date/Time:

Date/Time:

Received By: Date/Time:

Received By:

Relinquished by: Date/Time:

1102-6

# ANALYTICS SAMPLE RECEIPT CHECKLIST



AELLAB#: 70323	COOLER NUMBER:	dunts cooler
CLIENT: Inspectorate	NUMBER OF COOLERS:	
PROJECT: Sprague Emzy	DATE RECEIVED:	6/29/11
A: PRELIMINARY EXAMINATION:	DATE COOLER OPENED:	1/2d11
1. Cooler received by(initials):	Date Received:	6/29/11
2. Circle one: Hand delivered (If so, skip 3)	Shipped	
3. Did cooler come with a shipping slip?	Y	(NA)
3a. Enter carrier name and airbill number here:	***************************************	
4. Were custody seals on the outside of cooler?  How many & where:  Seal Date:	Y Seal Name:	N <sub>A</sub>
5. Did the custody seals arrive unbroken and intact upon arrival?	Y	(NA)
6. COC4. N/A		
7. Were Custody papers filled out properly (ink,signed, etc)?	Y	N
8. Were custody papers sealed in a plastic bag?	Ŷ	N
9. Did you sign the COC in the appropriate place?	Ŷ	N
10. Was the project identifiable from the COC papers?	Y	N
11. Was enough ice used to chill the cooler?   N	Temp. of cooler:	5.0
B. Log-In: Date samples were logged in:	ву: Д√	<b>-</b>
12. Type of packing in cooler(hubble wrap, popcorn)	Y	N
13. Were all bottles sealed in separate plastic bags?	Y	N
14. Did all bottles arrive unbroken and were labels in good condition?	Y	N
15. Were all bottle labels complete(ID,Date.time.etc.)	Y	N
16. Did all bottle labels agree with custody papers?	Y	N
17. Were the correct containers used for the tests indicated:	Y	N
18. Were samples received at the correct pH?	Y	(Va)
19. Was sufficient amount of sample sent for the tests indicated?	Y	N
20. Were all samples submitted within holding time?	$(\widetilde{\mathbf{Y}})$	N
21. Were bubbles absent in VOA samples?	Y	(NyA)
If NO, List Sample ID's and Lab #s:		
22. Laboratory labeling verified by (initials):	Date:	6/29/11

2011-020-00569-002

Whiteboard ID: 0020-0003979



Sample From:

EPA SAMPLES- TANK 9

Product:

PG64-28 ASPHALT

Vessel: TANKS 14 & 9 EPA SAMLES
Terminal: SPRAGUE AVERY LANE
Date Received: 06/25/2011

Retain Period: 120 Container Type: Vial



UN# 1999

connie.lane

2011-020-00569-002

Whiteboard ID: 0020-0003979



Sample From:

**EPA SAMPLES- TANK 9** 

Product:

PG64-28 ASPHALT

Vessel: TANKS 14 & 9 EPA SAMLES
Terminal: SPRAGUE AVERY LANE
Date Received: 06/25/2011

Retain Period: 120 Container Type: Vial



**UN#1999** 

connie.lane

2011-020-00569-001

Whiteboard ID: 0020-0003979



Sample From:

**EPA SAMPLES- TANK 14** 

Product:

PG64-28 ASPHALT

Vessel: TANKS 14 & 9 EPA SAMLES
Terminal: SPRAGUE AVERY LANE
Date Received: 06/25/2011

Retain Period: 120 Container Type: Vial



**UN# 1999** 

IT 1333

connie.lane

2011-020-00569-001

Whiteboard ID: 0020-0003979



Sample From:

**EPA SAMPLES- TANK 14** 

Product:

PG64-28 ASPHALT

Vessel: TANKS 14 & 9 EPA SAMLES
Terminal: SPRAGUE AVERY LANE
Date Received: 06/25/2011

Retain Period: 120 Container Type: Vial



UN# 1999

connie.lane